Claims

1. Device for induction of raw air for an internal combustion engine by way of an air filter placed in a container, which is placed in the front end of a motor vehicle, and is connected with air intake openings on the side of the front end, characterized in that at least one air intake stub (9) of an air filter container empties out in an air accumulation chamber (2) of the device which [the air accumulation chamber] is sealed off on all sides in the device, which [the air accumulation chamber] is sealed off on the front side by a front end covering (3) and on the back side by a convex separating partition (4) adjacent to the engine chamber (8), in which [the separating partition] at least one air intake opening (11) or (12) is located in the floor area of the partition (4), and which is connected with the air intake openings (13) in the front end of the motor vehicle.

2. Device according to claim 1, characterized in that the air intake stub (9) is surrounded on each free end by an elastic form piece (7), which is placed tightly adjacent to the convex separating partition (4) and to a front end covering (3) and form front-side hermetic seals of the air accumulation chamber (2).

3. Device according to claims 1 or 2, characterized in that the convex separating partition (4) with tangential plane (Y-Y) is placed at an acute angle (α) to a horizontal plane (X-X) and the air intake openings (11) – in relationship to the direction of travel (F) – in the front area of the separating wall (4), is placed with height distance (h) and immediately adjacent to the outlet opening (12).

4. Device according to claims 1, 2 or 3, characterized in that the air intake openings (11) or (12) are placed adjacent to the air intake openings (13) on the side of the front end.

5. Device according to one of the foregoing claims, characterized in that one outside surface of the convex separating partition (4) of the sealed off air accumulation chamber (2) is used as an air convection surface for cool air to a cooler module (15).

6. Device according to one of the foregoing claims, characterized in that the air intake openings (11) or (12) in the separating partition (4) is covered with a filter and/or swiveling valve.